 Bedroom Assignment

For this assignment we are going to learn exactly how an architect utilizes STEM in the real world. We are going to first create a scale drawing of a room, your BEDROOM. Then you are going to “wear the hat” of an architect and create an addition to your bedroom. You will have to utilize various STEM skills in order to complete this project, and manage your time wisely.

First we need to find out the size of your bedroom. In order to do this, we are going to create a very “rough” sketch of your room. You will be given a brief in class lesson on this. Then you are going to measure the following items.

MEASUREMENTS: ***ALL MEASUREMTS WILL BE IN INCHES***

1. Total **length** of your room. This is the longest measurement across your room.
   1. If your room is a square, either measurement will work.
   2. You will need help from someone to accurately do this
2. Total width of your room. This is the shorter of the two measurements.

Example

1. Now measure the length of all other walls
2. Now you need to measure the door and window openings(WIDTH, DO NOT MEASURE HEIGHT). Make sure you only measure the openings, and **not the trim** around your doors and windows,
3. Now you need to measure the distance between doors and windows and the distance from the corners of your walls to your doors/windows. {**MAKE SURE TO INCLUDE THE TRIM}** This will allow us to properly place your doors and windows in the correct place.

48”

31”

34”

27”

48”

100”

119”